FPV Monitor

User Manual



IMPORTANT SAFETY INSTRUCTIONS:

- Please read User Guide before using this product.
- Please keep User Guide for future reference.
- Please read the cautions to prevent possible danger and loss of property.

FEATURES:

- High resolution: 800×480;
- High brightness: 400cd/㎡;
- High contrast: 500:1;
- Dual 5.8GHz receivers for optional.

CAUTIONS:

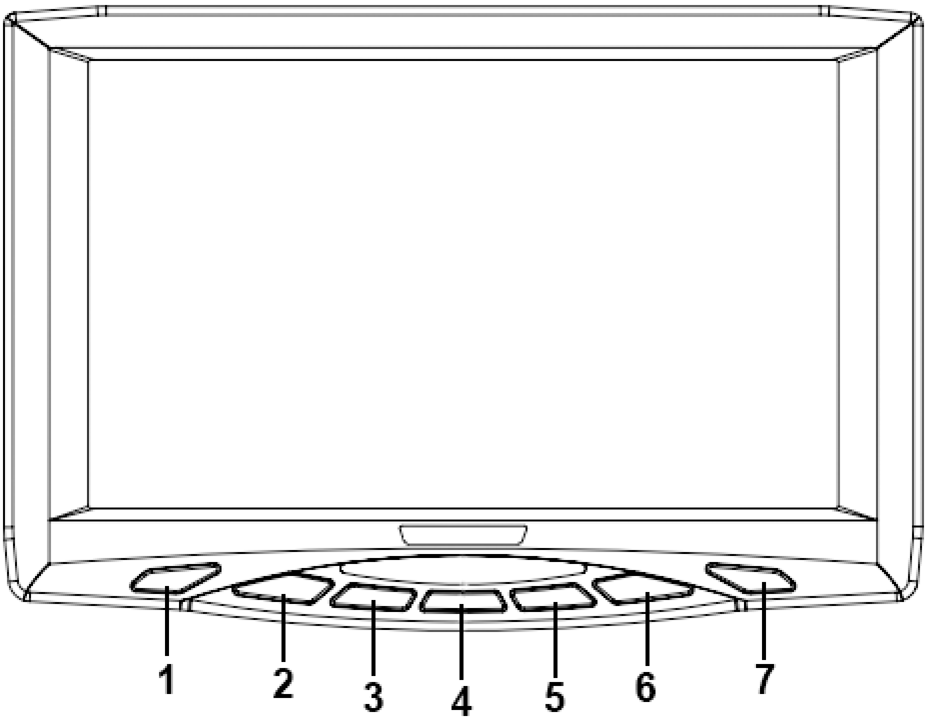
1. Please do not place the display screen towards the ground.
2. Please avoid heavy impact or drop onto the ground.
3. Please do NOT use chemical solutions to clean this product. Please wipe with a clean soft cloth to maintain the brightness of the surface.
4. Please do not block any vent hole.
5. Please follow the instructions and trouble-shootings to adjust the product. Other improper adjustment may result in damage. Any further adjustment must be performed or conducted by a qualified technician.
6. Please unplug the power and remove the battery if long-term no-use, or thunder weather.

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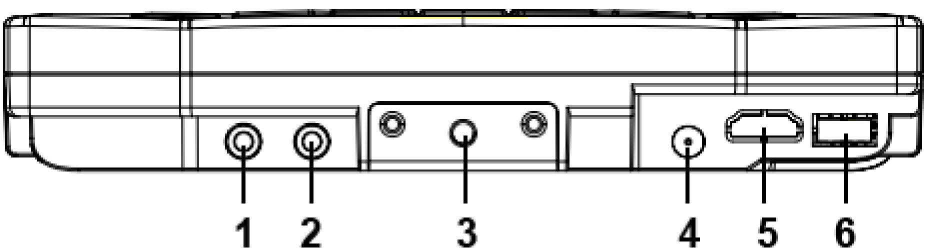
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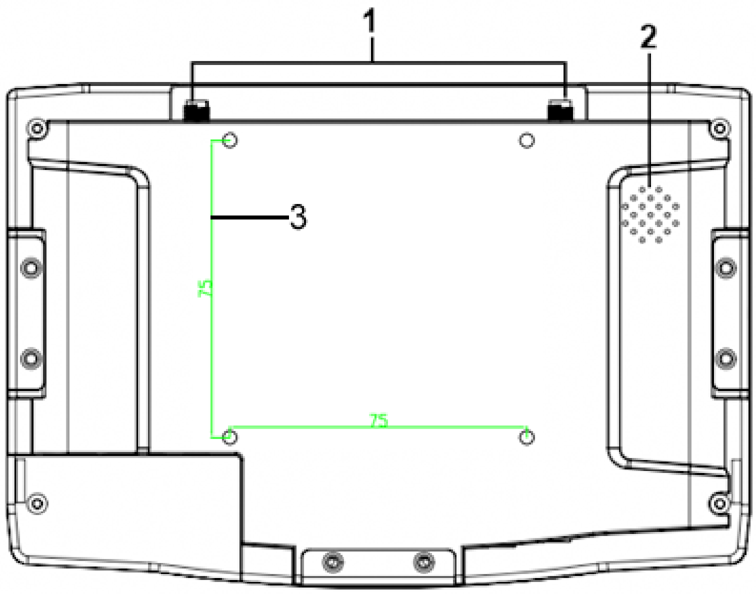
1. PRODUCT DESCRIPTION



1. POWER: ON/OFF (Light turns to green when power on).
2. AV: Video & 5.8G switch.
3. VOL-: Volume down; value of menu option decrease.
4. VOL+: Volume up; value of menu option increase.
5. MENU: To activate OSD menu & main menu.
6. CH-: Item selection on menu.
7. CH+: Item selection on menu.

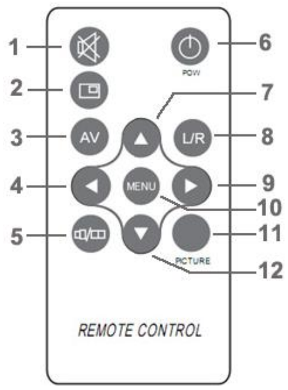


1. OUT: Video output interface
2. IN: Video input interface
3. Bracket mount
4. DC12V power input
5. NO USE
6. Frequency control (please refer to Part3)



1. Antenna port
2. Speaker
3. VESA Mounting interface

2. REMOTE CONTROL



1. MUTE
2. NO USE
3. Video & 5.8G switch
4. ◄: Volume down or to adjust the value of function
5. To switch display mode
6. Power on / off
7. NO USE
8. NO USE
9. ►: Volume up or to adjust the value of function
10. To activate OSD menu
11. NO USE
12. NO USE

3. AERIAL PHOTOGRAPHY SIGNAL RECEIVER

3-1 Frequency Chart

*** Note: Dual receivers frequency: Band 3&4**

0: ON; 1:OFF					
Frequency / L.O.	CS1	CS2	CS3	S1	S2
Band 1					
B1:5.865GHz/5.385GHz	1	1	1	0	0
B2:5.845GHz/5.365GHz	0	1	1	0	0
B3:5.825GHz/5.345GHz	1	0	1	0	0
B4:5.805GHz/5.325GHz	0	0	1	0	0
B5:5.785GHz/5.305GHz	1	1	0	0	0
B6:5.765GHz/5.285GHz	0	1	0	0	0
B7:5.745GHz/5.265GHz	1	0	0	0	0
B8:5.725GHz/5.245GHz	0	0	0	0	0
Band 2					
C1:5.733GHz/5.253GHz	0	0	0	1	0
C2:5.752GHz/5.272GHz	1	0	0	1	0
C3:5.771GHz/5.291GHz	0	1	0	1	0
C4:5.790GHz/5.310GHz	1	1	0	1	0
C5:5.809GHz/5.329GHz	0	0	1	1	0
C6:5.828GHz/5.348GHz	1	0	1	1	0
C7:5.847GHz/5.367GHz	0	1	1	1	0
C8:5.866GHz/5.386GHz	1	1	1	1	0
Band 3					
D1:5.705GHz/5.225GHz	0	0	0	0	1
D2:5.685GHz/5.205GHz	1	0	0	0	1
D3:5.665GHz/5.185GHz	0	1	0	0	1
D4:5.645GHz/5.165GHz	1	1	0	0	1
D5:5.885GHz/5.405GHz	0	0	1	0	1
D6:5.905GHz/5.425GHz	1	0	1	0	1
D7:5.925GHz/5.445GHz	0	1	1	0	1
D8:5.945GHz/5.465GHz	1	1	1	0	1
Band 4					
A1:5.740GHz/5.260GHz	0	0	0	1	1
A2:5.760GHz/5.280GHz	1	0	0	1	1
A3:5.780GHz/5.300GHz	0	1	0	1	1
A4:5.800GHz/5.320GHz	1	1	0	1	1
A5:5.820GHz/5.340GHz	0	0	1	1	1
A6:5.840GHz/5.360GHz	1	0	1	1	1
A7:5.860GHz/5.380GHz	0	1	1	1	1

3-2 Frequency Control Demo

CH1 5865	CH2 5845	CH3 5825	CH4 5805	CH5 5785	CH6 5765	CH7 5745	CH8 5725
CH9 5733	CH10 5752	CH11 5771	CH12 5790	CH13 5809	CH14 5828	CH15 5847	CH16 5866
CH17 5705	CH18 5685	CH19 5665	CH20 5645	CH21 5885	CH22 5905	CH23 5925	CH24 5945
CH25 5740	CH26 5760	CH27 5780	CH28 5800	CH29 5820	CH30 5840	CH31 5860	

3-3 Radio signal receiving antenna



1. Connected to the wireless receiving antenna port.
2. When a product with wireless module connected with antenna, and then connecting with flying camera system, you can receive the sound and image signals.

4. WIRING INSTRUCTIONS

4-1 Video output cable



1. Video output interface.
2. Yellow: video 1 output plug.
3. White: video 2 output plug.

4-2 Video input cable



1. Video input interface.
2. Yellow: video 1 input plug.
3. White: video 2 input plug.

5. MENU SETTING

1. VIDEO & 5.8G Switch

Press “AV” button on device or video switch button on remote control to switch video mode after power on.

2. Volume

Press “VOL- / VOL+” button on device or “◀/▶” button on remote control to decrease or increase volume after power on.

3. MENU Operation

Press “MENU” button on device or remote control to activate main menu options （ 、 、 、 、）; And then press to select option needs to adjust, option will be highlighted as yellow and operation tips displayed below.

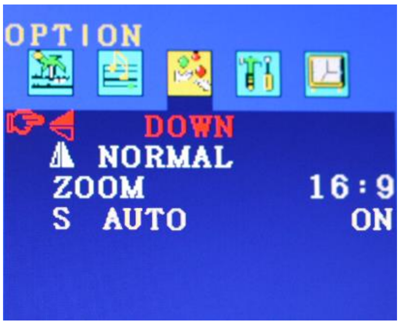
Press “CH- / CH+” button on device or “▲/▼” button on remote control to select menu option, and then press “VOL- / VOL+” button on device or “▶/◀” on remote control to adjust option values.



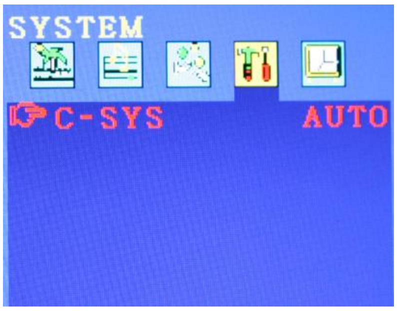
ITEMS	OPTIONS
Brightness	0 - 100
Contrast	0 - 100
Color	0 - 100
Language	English, Chinese



ITEMS	OPTIONS
Volume	0 - 100



ITEMS	OPTIONS
U/D	Normal, Down (To reversal image up and down)
L/R	Normal, Right (To reversal image left and right)
ZOOM	16:9、4:3
S AUTO	ON, OFF

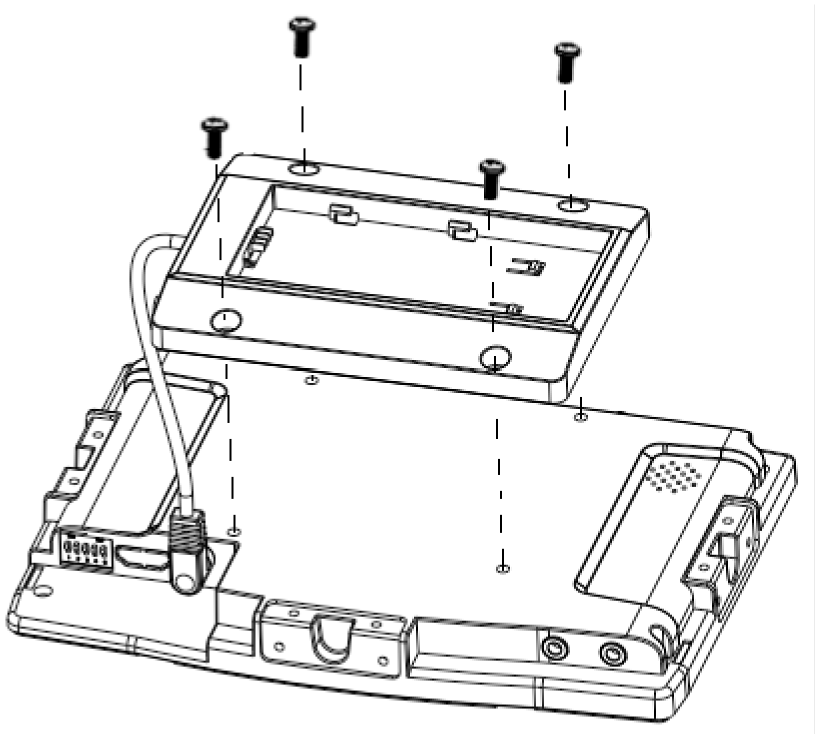


ITEMS	OPTIONS
C-SYS	AUTO、PAL、NTSC、SECAM



ITEMS	OPTIONS
SLEEP	0 - 240
TIME	User-definable
OFF-TIME	User-definable
ON-TIME	User-definable

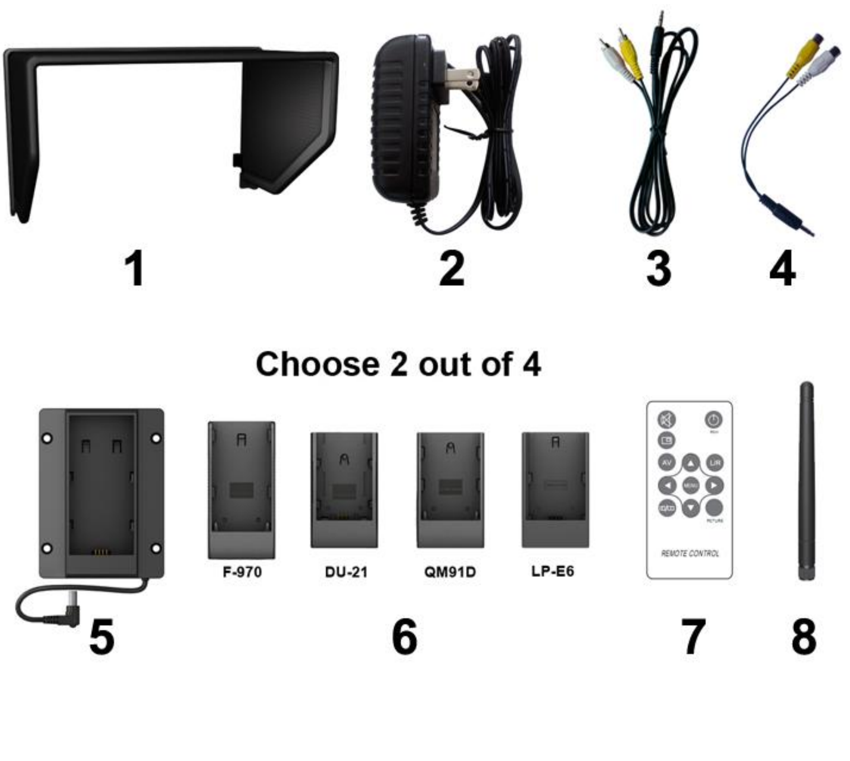
6. VESA INSTALLATION INSTRUCTIONS FIGURE



Screw (Diameter 4mm×Length 20mm)

7. ACCESSORIES

Standard accessories:



1. Sun Shade — 1 piece
2. 12V DC adapter — 1 piece
3. AV input cable — 1 piece
4. AV output cable — 1 piece
5. VESA battery plate — 1 piece
6. Battery plate — 2 Pieces
7. Remote control — 1 piece
8. 5.8GHz wireless AV receiver — 1 piece
9. Manual — 1 copy

Optional accessories



1. 5.8GHz wireless AV receiver — 1 piece
2. 5.8GHz omnidirectional antenna — 1 piece
3. Shoe Mount (for camera only) — 1 piece

8. PARAMETERS

Panel	7" LED back light
Aspect Ratio	16:9
Resolution	800×480
Brightness	400cd/m²
Contrast	500:1
Viewing Angle	140°/120°
Input Voltage	DC 7~30V
Current	450mA
Power Consumption	≤6W
Dimension (LWD)	188×127.8×32 (mm)
Weight	415g

9. TROUBLE SHOOTING

CASE(condition)	COUNTER MEASURE
Only black & white picture	Check the contrast, brightness, hue and color are proper or not, and adjust
No picture	Check power input and connection.
Remote control doesn't work	Check if the battery installed properly or the battery is out. Remote signal interfered by some obstruction.

Note: due to constant effort to improve products and product features, specifications may change without notice.